

## ABSTRACT

A bar notch (3) in the side of a side member (1) and a shaping cut (4) at the end of a cross member (2) for the bar jointing of a side member (1) with a member (2) in workpieces of wood, plastics or MDF – medium density fibreboard – produced by a punching or shearing operation consisting of a first step – a preliminary cut – and a second step – a final cut. A machine for implementation of the cutting operation comprises a knife head (9) for two side knives (10) and a nose knife (11), a table (14) and a rest (13), a first set of adjustable guide members (17) that can set the position of the knife head (9) in relation to the workpiece (1) or (2) which is to be processed, a second set of adjustable guide members (23) for setting of the mutual distance between the cross member notches (3) and a third guide member (29), which can serve as an end stop for the end of the cross member (2) during the shearing process of a cross member shaping (4). Under the knives (10, 10, 11) the table (14) has an embedded dolly (34) of a soft material. The procedure is faster and less cumbersome than procedures used so far, where the cuts are produced by milling with rotating tools, which are difficult to adjust.